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### Wiki Assignment #3

#### **Statement of the Problem**

Many schools have switched from a teacher-led classroom to an inquiry-based classroom. Inquiry based learning encourages students to become critical thinkers and accumulate knowledge through exploring and having open discussions with their peers. The problem with this is that some teachers are not properly trained to effectively incorporate inquiry based learning in their classrooms. Based on prior research, another problem with inquiry based learning is that younger grades require more assistance than inquiry based learning may recommend. Children may participate in open discussion but may learn false knowledge from other classmates if a teacher does not properly supervise group activities and discussions.

#### **Hypothesis**

I hypothesize that inquiry based learning will be effective in the classroom. Even though inquiry based learning is more beneficial in the classroom overall, my second hypothesis is that younger grades (K-2) will not show a significant difference between an inquiry based classroom and a teacher led classroom while upper grades (3-5) will show a significant difference between the two forms of teaching.